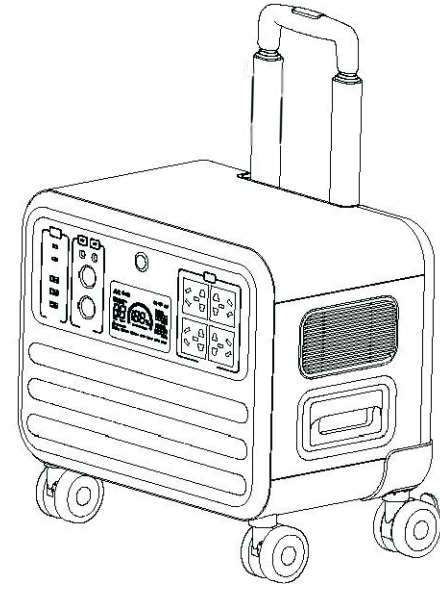


Portable Power Station
Model: XO-PSA-2200



1. Cautions

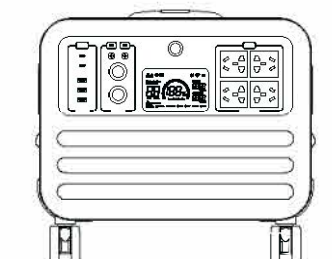
To protect you and others from harm and the product from damage, please read the manual carefully before using the product.

- Improper use may lead to battery failure, serious heating, and even fire, explosion! In order to avoid damage to your personal life and property, please strictly comply with the following requirements for storage and use of the product:
- Please use the standard or original charging cable to recharge the product.
- This product is not waterproof. Do not touch any liquid. Do not immerse the product in water or wet it. Do not use this product in the rain or wet environment.
- Do not recharge the product immediately after high power discharge. For the sake of battery life and safety, it is recommended to cool the battery at room temperature for 2-3 hours before recharging.
- Do not use this product in the environment of strong static electricity or magnetic field.
- When using this product, please strictly follow the operating temperature requirement in this manual.
- Do not put your fingers, palms or any part of your body into the product.
- Do not recharge this product in a place that will affect its heat dissipation (such as clothing, pillows, bedding or other sundries, etc.).
- It is forbidden to forcibly stop the cooling fan working or leave the product in an unventilated or dusty space during use.
- Do not disassemble, impact, squeeze, puncture, or short-circuit the product. Do not put the product into water or fire (Keep it away from heat sources such as stoves and heaters). Do not place the product in an environment with a temperature higher than 60°C (140°F).
- If the product accidentally falls into water during use, place it in a safe and dry open area and stay away from the product until it is completely dry. The dried products are forbidden to be used again and should be scrapped according to the requirements of local laws and regulations. If the product is on fire, please use the fire extinguishing equipment in the following recommended order: sand, fire extinguishing blanket, dry powder fire extinguisher, carbon dioxide fire extinguisher.

AC Charging and Discharging Simultaneously
XO-PSA-2200 supports AC input and AC output simultaneously, that is, to charge XO-PSA-2200 through AC input port and output port to power for other appliances at the same time. In this case, the AC power comes from the power grid, not the battery. When the electricity from power grid is cut off, XO-PSA-2200 will automatically switch to output power from battery. But this is not a professional UPS function and does not support line product switching. Do not use this product for devices that require professional UPS, such as data servers and workstations or medical devices, such as ventilators. Our company shall not be liable for equipment failure, data loss or medical accidents caused by failure to follow instructions.

2. Package contents
The contents will be different according to the needs of different regions. Please contact with XO service center if you have any question.

NO	Packaging List	Type
1	XO-PSA-2200	Standard
2	Charging cable	Standard
3	User manual	Standard
4	Connector to connect 2 power stations	Optional

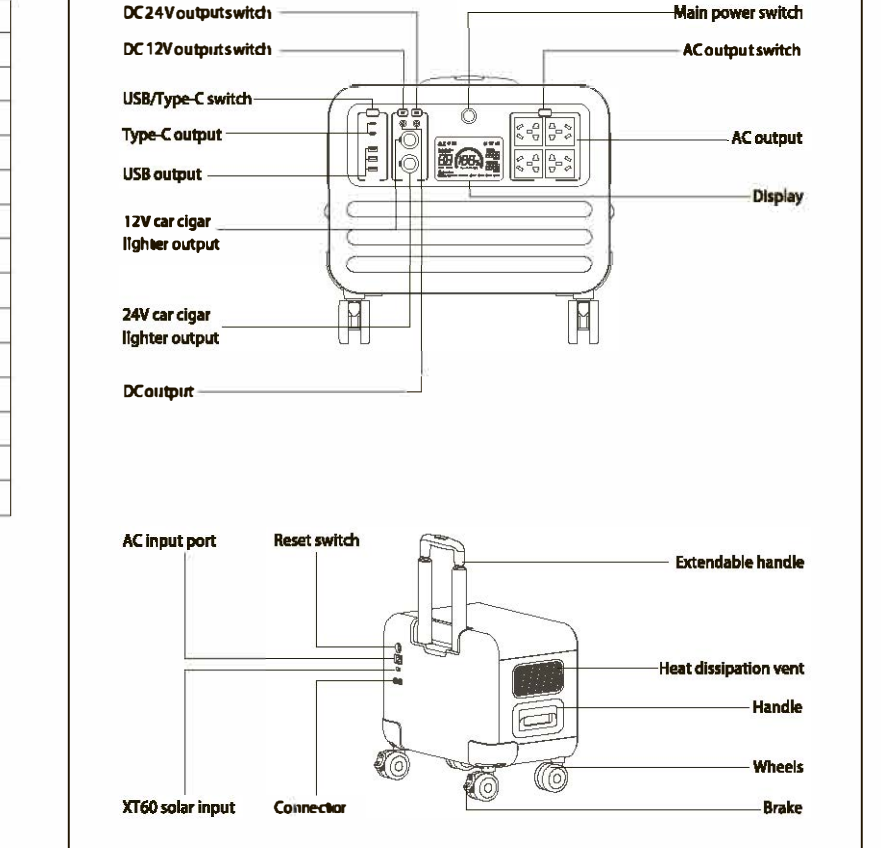


3. Product Introduction
XO-PSA-2200 is a multi-functional emergency energy storage power supply. It adopts UL authorized automotive power cell and efficient SPWM inverter conversion technology. It is more durable and has longer cycle life than ordinary battery cell. It enjoys the reputation of "outdoor mobile power station". It is widely used in outdoor party and camping, household emergency, outdoor live broadcasting, mobile office, medical rescue, emergency rescue, power equipment repair, communication emergency and other fields. It is compatible with most of digital appliances and household appliances of power rate under 2200W.

4. Specification

Specification	
Model	XO-PSA-2200
Battery Power	2350Wh
AC Output	AC 2200W (220V-240V-50Hz) (Pure Sine Wave)
Battery Capacity	45Ah/51.2V (3.8Ah/48Wh Per Cell)
AC Input	1000W (220V-240V-50Hz)
Type-C Output	DC5V-3A/5V-3A/12V-3A/15V-3A/20V-1.5A (Max 100W)
USB-A Output	DC5V-3A/5V-3A/12V-1.5A
DC5521 Output	12V (Max 300W) / Single DC5521 output max 100W
12V Car Charger Socket Output	12V (Max 300W)
24V Car Charger Socket Output	24V (Max 300W)
XT60 Solar Input	15V-75V (Max 800W)
Charging Temperature	0°C-40°C
Discharging Temperature	-10°C-40°C
Dimension	430*400*270mm (About)
Weight	30kg (About)

5. Structure and functions




6. How to charge the product

Please read the following notes first:

- Accessories equipped are for this product only, do not use for other electrical appliances.
- Solar input power rate is 800W max.
- When the display shows 100% power, this product is fully recharged. Please stop charging and unplug the charging cable from the AC socket.

You can recharge the product in the following ways:

- AC power input
The product supports high power AC input, 1000W max.



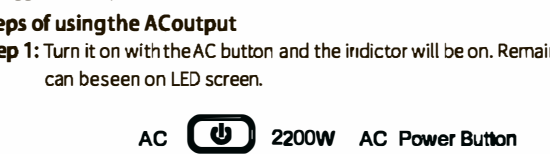
7. How to use the AC output

Please read following cautions before use:

- Please ensure that the input voltage and frequency of electrical equipment are consistent with the parameters of this product.
- Please ensure that the rated power of electrical equipment is less than 2200W, preferably with 80% power range of the product.
- If the rated power of electrical equipment is higher than 2200W, the overload protection may be activated.
- If the power of electrical equipment is higher than 2200W, please choose XO portable power supply with higher power.
- The instantaneous starting power of some electrical equipment is much higher than its rated power. For example, inductive load equipment, the general starting power is 3-8 times higher than its rated power. Energy saving lamp start at tens of times its rated power. In this case, overload protection of the product may be triggered and power will be shut down.

Steps of using the AC output

Step 1: Turn it on with the AC button and the indicator will be on. Remaining power can be seen on LED screen.



8. How to use the DC output

When using DC output (include USB-A output, car cigar lighter output, DC output, Type-C PD 100W output), please ensure that the digital device is compatible with the current of the corresponding output port, so as to prevent the interface from overheating and causing damage to the device.

- Use USB ports to charge digital devices
- Use USB output: USB-A QC3.0: Short press the DC switch and the product will charge the digital devices quickly.

9. After-sales services

To ensure your legal right, please pay attention to:

- The warranty card must be sealed by the seller before it can take effect. It will be invalid.
- The warranty card shall be properly kept by the user. If it is lost or altered, it will be invalid.
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4. Free maintenance service will be unavailable under the following circumstances even within the warranty period:


- You will no longer enjoy the warranty if you disassemble, refill or repair the product without permission.
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- Failure caused by incorrect installation, packaging and use which is not in accordance with the requirements of the user manual.
- Failure or damage caused by accidental, man-made reasons or environment and other factors (wrong operation, collision, unreasonable voltage, damp, etc.).
- Failure or damage caused by force majeure like earthquake, fire, disaster, tsunami.

Product packaging box and accessories are not within the scope of warranty if your product has expired the warranty period, we offer compensated repair service.

10. Name and content of toxic and hazardous substances or elements in the product

Toxic and hazardous substances or elements					
Lead	mercury	cadmium	chromium	Polybrominated biphenyls	Polybrominated Diphenyl Ether
0	0	0	0	0	0

Means that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirement specified in the 2002/95/EC (ROHS) standard.



Warning

- AC socket is for output only, no input
- Do not disassemble, soak in water or leave in fire!

Warranty card

Please store the warranty card well and fulfill your information and send back together with the product.

Dear customer,
Thank you for your trust and support to our products. The warranty card is attached with each product. Please keep it properly as a product warranty certificate. If it is lost, it will not be replaced.
Thank you.

User's Name: _____ Phone Number: _____
Address & Postal Codes: _____
Shop's Name: _____ Order Number: _____
Cause of Malfunction: _____
Order Number: _____

Maintenance Record:

Date	Description of Malfunction	Maintenance Point	Result

Executive Producer: Tereberry Industrial (HK) Co., Ltd.
Manufacturing: Tereberry (Shenzhen) Co., Ltd.
Address: Industrial Park, King Gao Road No.138, Buji, Longgang District, Shenzhen, Guangdong.
Standard/QR: 7261-72-2011 Tel: +86 1766-83619732

1. Cautions

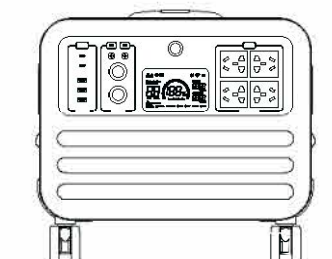
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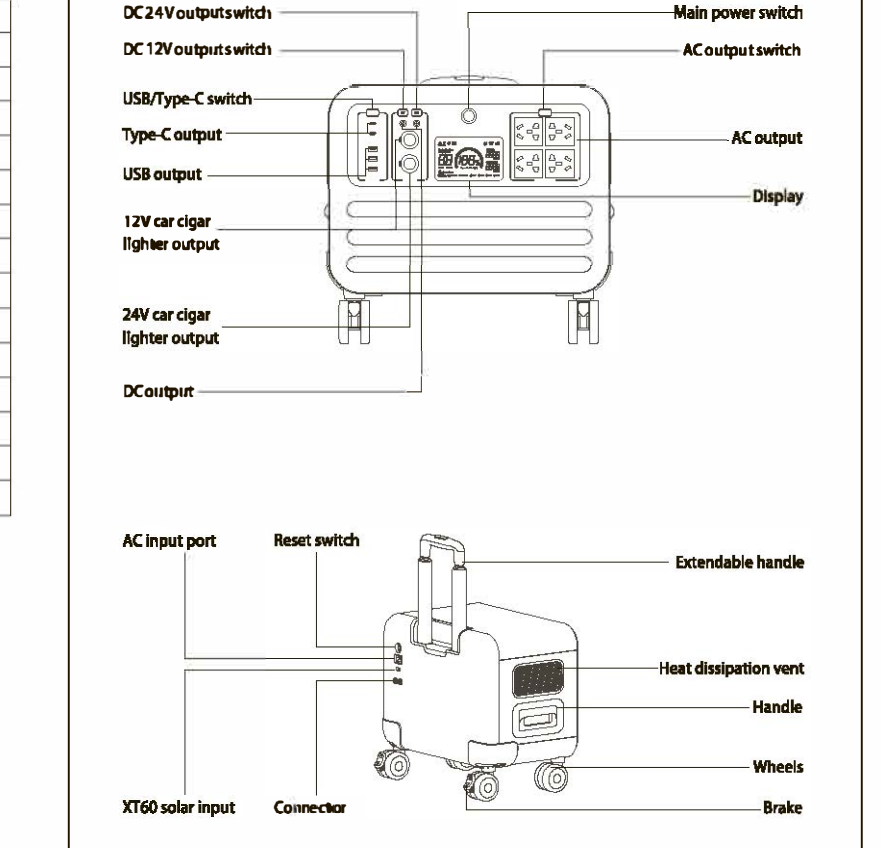


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Charging Temperature	0°C-40°C
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Dimension	430*400*270mm (About)
Weight	30kg (About)

5. Structure and functions




6. How to charge the product

Please read the following notes first:

- Accessories equipped are for this product only, do not use for other electrical appliances.
- Solar input power rate is 800W max.
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You can recharge the product in the following ways:

- AC power input
The product supports high power AC input, 1000W max.



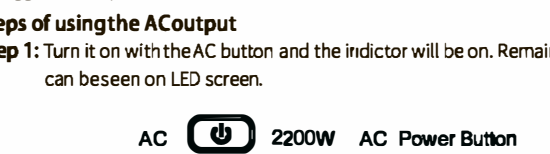
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Please read following cautions before use:

- Please ensure that the input voltage and frequency of electrical equipment are consistent with the parameters of this product.
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Steps of using the AC output

Step 1: Turn it on with the AC button and the indicator will be on. Remaining power can be seen on LED screen.



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Means that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirement specified in the 2002/95/EC (ROHS) standard.



Warning

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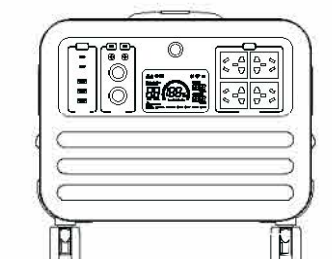
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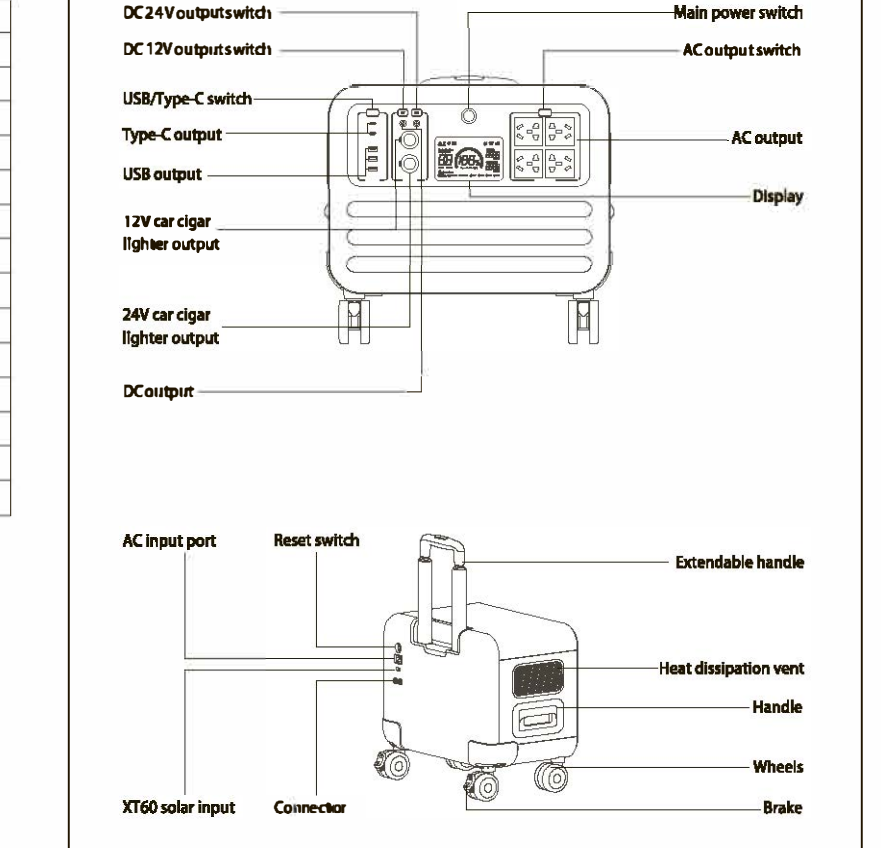


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Dimension	430*400*270mm (About)
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5. Structure and functions




6. How to charge the product

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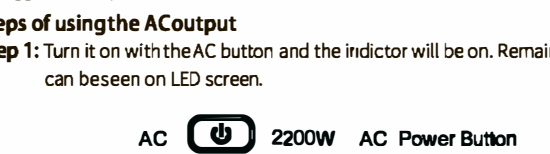
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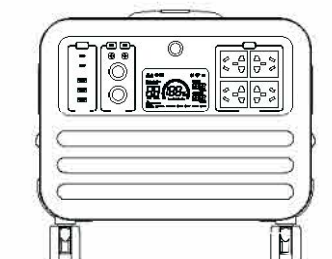
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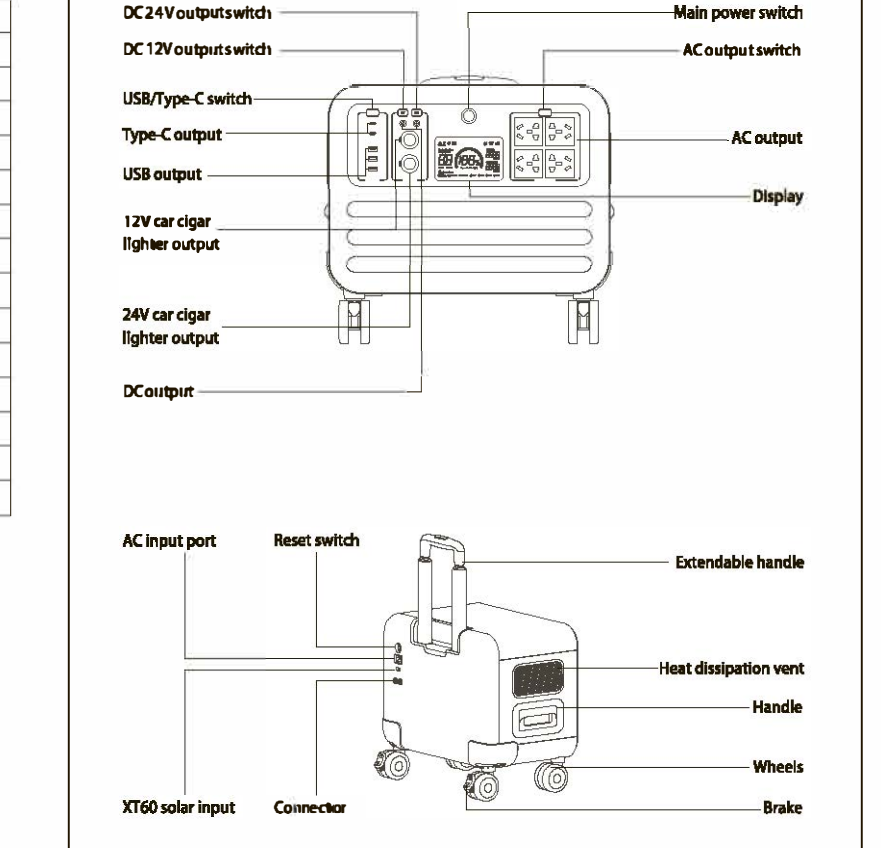


3. Product Introduction
XO-PSA-2200 is a multi-functional emergency energy storage power supply. It adopts UL authorized automotive power cell and efficient SPWM inverter conversion technology. It is more durable and has longer cycle life than ordinary battery cell. It enjoys the reputation of "outdoor mobile power station". It is widely used in outdoor party and camping, household emergency, outdoor live broadcasting, mobile office, medical rescue, emergency rescue, power equipment repair, communication emergency and other fields. It is compatible with most of digital appliances and household appliances of power rate under 2200W.

4. Specification

Specification	
Model	XO-PSA-2200
Battery Power	2350Wh
AC Output	AC 2200W (220V-240V-50Hz) (Pure Sine Wave)
Battery Capacity	45Ah/51.2V (3.8Ah/48Wh Per Cell)
AC Input	1000W (220V-240V-50Hz)
Type-C Output	DC5V-3A/5V-3A/12V-3A/15V-3A/20V-1.5A (Max 100W)
USB-A Output	DC5V-3A/5V-3A/12V-1.5A
DC5521 Output	12V (Max 300W) / Single DC5521 output max 100W
12V Car Charger Socket Output	12V (Max 300W)
24V Car Charger Socket Output	24V (Max 300W)
XT60 Solar Input	15V-75V (Max 800W)
Charging Temperature	0°C-40°C
Discharging Temperature	-10°C-40°C
Dimension	430*400*270mm (About)
Weight	30kg (About)

5. Structure and functions




6. How to charge the product

Please read the following notes first:

- Accessories equipped are for this product only, do not use for other electrical appliances.
- Solar input power rate is 800W max.
- When the display shows 100% power, this product is fully recharged. Please stop charging and unplug the charging cable from the AC socket.

You can recharge the product in the following ways:

- AC power input
The product supports high power AC input, 1000W max.



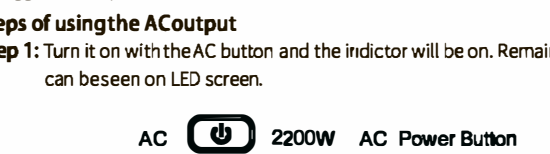
7. How to use the AC output

Please read following cautions before use:

- Please ensure that the input voltage and frequency of electrical equipment are consistent with the parameters of this product.
- Please ensure that the rated power of electrical equipment is less than 2200W, preferably with 80% power range of the product.
- If the rated power of electrical equipment is higher than 2200W, the overload protection may be activated.
- If the power of electrical equipment is higher than 2200W, please choose XO portable power supply with higher power.
- The instantaneous starting power of some electrical equipment is much higher than its rated power. For example, inductive load equipment, the general starting power is 3-8 times higher than its rated power. Energy saving lamp start at tens of times its rated power. In this case, overload protection of the product may be triggered and power will be shut down.

Steps of using the AC output

Step 1: Turn it on with the AC button and the indicator will be on. Remaining power can be seen on LED screen.



8. How to use the DC output

When using DC output (include USB-A output, car cigar lighter output, DC output, Type-C PD 100W output), please ensure that the digital device is compatible with the current of the corresponding output port, so as to prevent the interface from overheating and causing damage to the device.

- Use USB ports to charge digital devices
- Use USB output: USB-A QC3.0: Short press the DC switch and the product will charge the digital devices quickly.

9. After-sales services

To ensure your legal right, please pay attention to:

- The warranty card must be sealed by the seller before it can take effect. It will be invalid.
- The warranty card shall be properly kept by the user. If it is lost or altered, it will be invalid.
- In case of any failure caused by non-human reasons, you can take the warranty card to the designated repair center for free repair within the warranty period.

4. Free maintenance service will be unavailable under the following circumstances even within the warranty period:

- You will no longer enjoy the warranty if you disassemble, refill or repair the product without permission.
- Damage of surface coating and appearance is not within the scope of warranty.
- Failure caused by incorrect installation, packaging and use which is not in accordance with the requirements of the user manual.
- Failure or damage caused by accidental, man-made reasons or environment and other factors (wrong operation, collision, unreasonable voltage, damp, etc.).
- Failure or damage caused by force majeure like earthquake, fire, disaster, tsunami.

Product packaging box and accessories are not within the scope of warranty if your product has expired the warranty period, we offer compensated repair service.

10. Name and content of toxic and hazardous